## AMENDMENTS TO THE CLAIMS

1. (Original) A nonaqueous electrolyte characterized by containing:

an ionic liquid having general formula (1) below formula (2) below and a melting point not higher than 50°C

$$\begin{bmatrix}
R^1 \\
R^2 & X & R^3
\end{bmatrix} + Y \qquad (1)$$

$$\begin{bmatrix}
R^4 & 1
\end{bmatrix} + Y \qquad (1)$$

$$\begin{bmatrix} Me \\ Et - X - CH_2CH_2OR' \\ Et \end{bmatrix}^+ \cdot Y$$
 (2)

wherein  $R^1$  to  $R^4$  are each independently an alkyl-group of 1 to 5 carbons or an alkoxyalkyl group of the formula  $R^1 \odot (CH_2)_n$ —( $R^1$  being  $R^1$  is methyl or ethyl, and the letter n being an integer from 1 to 4), and any two from among  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  may together form a ring, with the proviso that at least one of  $R^4$  to  $R^4$  is an alkoxyalkyl-group of the above formula,

X is a nitrogen atom or a phosphorus atom, and

Y is a monovalent anion, Me stands for methyl and Et stands for ethyl;

- a compound which reductively decomposes at a more noble potential than the ionic liquid; and
  - a lithium salt.
- (Original) The nonaqueous electrolyte of claim 1 which is characterized in that the
  compound reductively decomposes at a more noble potential than the ionic liquid when a
  working electrode used with the electrolyte is made of a carbonaceous material or metallic
  lithium

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(Original) The nonaqueous electrolyte of claim 1 or 2 which is characterized in that the
content of said compound within the electrolyte is from 0.1 to 60 wt%.

- (Original) The nonaqueous electrolyte of claim 3 which is characterized in that the content of said compound is 0.1 to 30 wt%.
- 5. (Previously presented) The nonaqueous electrolyte of claim 1 which is characterized in that the compound is one or more selected from among ethylene carbonate, propylene carbonate, vinvlene carbonate, dimethyl carbonate, ethyl methyl carbonate and diethyl carbonate.
- (Previously presented) The nonaqueous electrolyte of claim 1 which is characterized in
  that the ionic liquid has a melting point not higher than 25°C.
- (Previously presented) The nonaqueous electrolyte of claim 1 which is characterized in
  that X is a nitrogen atom, R' is methyl, and the letter n is 2.
- (Canceled)
- (Previously presented) The nonaqueous electrolyte of claim 1 which is characterized in
  that Y is BF<sub>4</sub>, PF<sub>5</sub>, (CF<sub>3</sub>SO<sub>2</sub>)<sub>2</sub>N, CF<sub>3</sub>SO<sub>3</sub> or CF<sub>3</sub>CO<sub>2</sub>.
- (Previously presented) The nonaqueous electrolyte of claim 1 which is characterized in
  that the lithium salt is LiBF<sub>4</sub>, LiPF<sub>6</sub>, Li(CF<sub>3</sub>SO<sub>2</sub>)<sub>2</sub>N, LiCF<sub>3</sub>SO<sub>3</sub> or LiCF<sub>3</sub>CO<sub>2</sub>.
- 11. (Previously presented) A nonaqueous electrolyte secondary cell having a positive electrode which contains a lithium-containing double oxide, a negative electrode which contains a carbonaceous material capable of inserting and extracting lithium ions or contains metallic lithium, a separator between the positive and negative electrodes, and a nonaqueous electrolyte;

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which secondary cell is characterized in that the nonaqueous electrolyte is a nonaqueous electrolyte according claim 1.

- 12. (Previously presented) The nonaqueous electrolyte secondary cell of claim 11 which is characterized in that the separator is a porous film or porous sheet having a thickness of 20 to 50  $\mu$ m and a porosity of 25 to 85%.
- 13. (Original) The nonaqueous electrolyte secondary cell of claim 12 which is characterized in that the porous film or porous sheet is composed primarily of cellulose.